

AMENDMENTS TO THE CLAIMS

Kindly amend the claims, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

Listing of the claims:

1. (Currently Amended) A pPyrotechnical firing installation for use in a firing program, the firing installation comprising
a plurality of detonators (3, 4), each detonator provided with an electrical cable (5, 6) comprising an end connector (7, 8) at the end of a terminal or end part (5a, 6a) of the electrical cable (5, 6) and at least two connection conductors, and
a surface line to which the electrical cable of each detonator is connected via the electrical cable's end connector,
~~characterised in that~~wherein the surface line is at least partially formed by successive sections of the electrical cables of the plurality of detonators, every section comprising thea terminal or end part (5a, 6a) of one of the electrical cables (5, 6) coming from a one of the plurality of detonators (3, 4) and thean end connector (7, 8) of the electrical cable, thereby to electrically connect theis terminal or end part (5a, 6a) of one electrical cable to the electrical cable of the next detonator, at a point of the latter defining the to define the origin of the next detonator's its-terminal or end part anywhere on the electrical cable of the next detonator.
2. (Currently Amended) ~~Detonator comprising an electric cable, the free end of which is provided with~~Ana end connector for use in the pyrotechnical firing implementing the installation according to claim 1, wherein~~characterised in that~~the connector comprises:
a first part (20) solid with the end of an electricalthe cable which electrical cable is connected tocomes from a detonator, the first part (20) provided laterally with connection pins (21, 22, 23) to penetrate, in use, into the inside of an electrical cable coming from another detonator, and on anthe opposite side to these pins a pushing wall (29), and
a second part (36) comprising a slide (37) and a stop wall (43), into which the first part (20) is mounted movable in relation to the stop wall (43) which faces the connection

pins (21, 22, 23), the wall (43) and the slide (37) defining a seat suitable for receiving an electrical cable (5, 6) oriented transversely to the electrical cable equipped with the connector.

3. (Currently Amended) An end connector~~Detonator~~ according to claim 2, ~~characterised in that~~wherein the slide (37) comprises lateral walls (38, 39, 40), perpendicular to the stop wall (43), of which at least one of the lateral walls (40) comprises on ~~its~~the outside a holding means (47) of the first part (20) provided ~~to this effect~~ with a flexible locking tab (30) approximately perpendicular to the pushing surface (29).
4. (Currently Amended) An end connector~~Detonator~~ according to any one of the claims 2 ~~and or~~ 3, ~~characterised in that~~wherein the profile of the section of the ~~electric~~electrical cable (5, 6) corresponds with regard to shape to the profile of the seat ~~(45, 46)~~ of the second part (36) of the connector.
5. (Currently Amended) An end connector~~Detonator~~ according to claim 4, ~~characterised in that~~wherein the electrical cable (5, 6) has a flat part (48) and in that the seat has a corresponding flat surface passed through by the connection pins (21, 22, 23) of the first part (20) of the connector.
6. (Currently Amended) An end connector~~Detonator~~ according to claim 5, ~~characterised in that~~wherein the stop wall (43) is provided, opposite the slide (36), with a lateral wedging bead (46) for the electrical cable received in the seat.
7. (Currently Amended) ~~Detentor according to claim 3, wherein the profile of the section of the electric cable (5, 6) corresponds with regard to shape to the profile of the seat (45, 46) of the second part (36) of the connector.~~ A detonator comprising an electrical cable, a free end of which is provided with an end connector according to any one of claims 2 to
6.